

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-20 and 31-40 and amend the claims as follows.

1-20. (cancelled)

21. (currently amended) A method of cementing an oil or gas well, the method comprising:

providing a cement composition comprising water, cement, and low reactivity particles, wherein the particles have a size of about 40 mesh to about 250 mesh;

pumping the composition into the oil or gas well; and

allowing the composition to set[[:]],

wherein the composition fractures in a non-linear manner when set.

22. (cancelled)

23. (original) The method of claim 21, wherein the water is present at a concentration of about 30 weight percent to about 150 weight percent, based on the weight of the cement.

24. (previously presented) The method of claim 21, wherein the cement is selected from the group consisting of API Class A cement, API Class B cement, API Class C cement, API Class G cement, and API Class H cement.

25. (previously presented) The method of claim 21, wherein the cement is selected from the group consisting of ASTM class I cement, ASTM class II cement, ASTM class III cement, ASTM class IV cement, and ASTM class V cement.

26. (original) The method of claim 21, wherein the particles are silica sand.

27. (previously presented) The method of claim 21, wherein the particles are selected from the group consisting of aluminum silicate, gilsonite, ground coal, adamantane, and fullerene.
28. (original) The method of claim 21, wherein the particles are present at a concentration of about 30 weight percent to about 100 weight percent, based on the weight of the cement.
29. (original) The method of claim 21, wherein the composition further comprises sand.
30. (original) The method of claim 21, wherein the composition further comprises gravel.
- 31-40. (cancelled)